

## Classification and Taxonomy Classroom activity pack

This pack contains a series of activities for you to complete with your class both before and after your visit to Kew.

You may choose to do all the activities or just select one. Post-visit activities are intended to build on the learning from the educational session at Kew. Many of the resources can be used on a whiteboard or can be printed.



## Pre-visit teacher notes

### KS5 Classification and Taxonomy

Thank you for booking the Classification and Taxonomy education session at Kew.

You can use the pre-visit activity to support your pupils' learning.

Ahead of your visit, your pupils could answer the question below. They can tell us about their answers when they come to Kew.



#### Question:

The herbarium at Kew contains thousands of preserved plants that are stored and catalogued. When a new specimen is collected, how do the curators know if it represents a new species to science? Why is it important that each plant is classified and named correctly?

#### You can encourage your pupils to discuss:

Dichotomous keys, DNA sequencing, taxonomic hierarchy, binomial nomenclature, phylogenetic classification



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